

CLASSIFICATION ~~CONFIDENTIAL~~SECURITY INFORMATION
CENTRAL INTELLIGENCE AGENCY

INFORMATION REPORT

COUNTRY Germany (Soviet Zone)

SUBJECT Development of Special Electronic Ceramics/
Location of Ceramic Clay Mines/Principal
Ceramic Insulator PlantsPLACE
ACQUIREDDATE
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25 YEAR RE-REVIEW

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-2-

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- [REDACTED]
3. SSW, for ceramic production, obtained its China clay ($Al_2O_3 \cdot 2 SiO_2 \cdot 2H_2O$) from the Halle, Kemnitz, Morl and Spergau mines in East Germany. [REDACTED] the Spergau and Halle China clay had excellent electro-technical uses in our laboratory; however, the China clay that is superior to all German China clay is obtained from the Zettlitz mine in Czechoslovakia. It is of the highest purity, has a very white body after being fired, and has many excellent electro-technical uses. The ordinary type of clay, which mineralogists claim differs slightly in particle size from China clay used by SSW, was obtained from the Bennstedt, Böhlen, Bunzlau, Halle, Lieskau, Löhain, Meissen and Naumburg mines in east Germany.

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4. SSW did not conduct steatite applications for gas turbines [REDACTED] of its research laboratory. [REDACTED] such applications are now being made not only at SSW, but also at the Hescho Co, Kahla, Thuringia. The Hescho Co is very well known for its production of fine ceramic products. SSW and Hescho are probably the two top ceramic plants in East Germany and are certainly capable of producing high voltage insulators of the 100 KV - 400 KV variety. [REDACTED]

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